

RESPONSE AND RECOVERY ACTIONS REPORT

Department of Environment and Natural Resources September 05, 2006 1600 hours

Divisions:

Air Quality (DAQ) Environmental Health (DEH) Marine Fisheries (DMF) Radiation Protection (RP) Water Resources (DWR) Aquariums(AQU) Forest Resources (DFR) Museum on Nat. Sciences (DMNS) Soil and Water Conservation (DSWC) Zoological Park (DZP) Coastal Management (DCM) Land Resources (DLR) Parks and Recreation (DPR) Waste Management (DWM) Customer Service Center (CSC) Legislative/Intergovernmental Affairs (LIA) Pollution Prevention (DPPEA) Water Quality (DWQ)

T.S. Ernesto

Recovery Response:

The DRC is standing down. Based on the following reports, departmental priorities include: CAFOs, standing water (potential issue with mosquito larvae) and water quality swim advisories.

Dr. Kenneth Taylor, DENR Recovery Coordinator will be the point of contact for unresolved issues arising from Ernesto.

Division of Coastal Management:

No changes since Friday. Field staff conducted damage assessments and found mostly some local flooding, very little structural damage with the exception of some piers and bulkheads. Very little beach erosion caused by the storm. We will not be requesting an emergency CAMA general permit for storm repairs, since there was so little damage.

Division of Water Quality:

Ernesto DWQ priorities are: WWTPs, POTWs, CAFOs, Dams, Erosion, Waste Disposal, Public and Staff Safety, Facilities and Equipment.

CAFOS:

DWQ – no breaches reported

FRO – 5 farms reported; 4 farms between 12" and 19"

RRO – staff inspected 4 abandoned facilities Friday; one discharging, another appeared to be discharging (too much vegetation around lagoon to verify); one at 4" and slowly rising (Wa Her Yang); one up to spillway but not discharging yet

WARO – 9 farms reported; 10 inspections; 18 farms between 12" and 19"; 4 farms less than 12"

WIRO – 55 farms reported; 2 inspections; 63 farms between 12" and 19"; 6 farms less than 12"

WWTPs:

FRO – all operational

RRO – plants overwhelmed or otherwise shut down

Henderson WWTP – nitrification is back

Princeton WWTP, Johnston County – bypassed 45,000 gal.

Littleton WWTP, Halifax County – bypassed 82,250 gal.

RRO - Plants only able to provide partial treatment

Scotland Neck WWTP turned off aerators on oxidation ditches due to high plant flows.

Macclesfield, Edgecombe County, creek has flooded chlorine contact chamber- pumping effluent back to mud well.

Pinetops – cut off aerators for a couple of hours Stantonsbury – shut off air until flow lowered

Spring Hope – bypass of final effluent; 24,000 gal

Weldon – oxidation ditch overflowed, bypassed 6,375 gal

WARO - municipal WWTPs - no problems

Lakeview Packing – freeboard at 21"

WIRO - plants overwhelmed or otherwise shut down

Richlands - manhole at WWTP overflowing, attempting to chlorinate, plant surrounded by water, access by boat only

Tabor City - influent lift station overwhelmed, incident found when ORC arrived on site; expect 2-4 hrs to repair

SSOs

FRO-

City of Dunn - BR8 manhole - stopped 9/1/06

RRO

Rocky Mount, Edgecombe County – 9 SSOs; 6,600 gal total

Henderson, Vance County - One pump station (Sandy Creek) overflowing and various manholes; 28,240 gal total

Warrenton, Warren County- has hauler pumping the F&M Pump Station, no spill.

Weldon, Halifax County- has SSOs; 12,850 gal total

Roanoke Rapids, Halifax County- 2 SSO - manhole upstream of lift station, 5,880 gal total

Princeville, Edgecombe County – 3 pump stations overwhelmed, 7 SSOs; 67,410 gal total

Spring Hope, Nash County, has 2 lift stations overwhelmed; 2,800 gal total

Woodland, Halifax County, 3 SSOs, 38,000 gal total

Tarboro – broken sewer line; 10,000 gal discharged

Saratoga – 2 manholes overflowing, 1 pump station flooded, 4,100 gal

WIRO –

Beaufort – 2 SSO; less than 3,500 gal to WOS

Wallace – 3 SSO; greater than 2,000 gal

Wilmington – 4 SSOs and one collapsed force main; 24,000 gal to WOS

Jacksonville – 1 SSO; less than 900 gal to WOS

Leland – 1 SSO; 326 gal to WOS

Burgaw – 1 SSO; 90 gal to WOS

New Hanover County – 3 SSOs just reported; no volume estimates yet

DWQ priorities are to continue field inspections and phone contacts; conduct aerial reconnaissance weather and budget permitting.

Stormwater pumping: The Currituck Outer Banks has flooding in the Corolla, Whalehead Beach, Monterey Shores, Buck Island and Ocean Sands area. There are several locations where the streets have more than the 14" of standing water limiting emergency vehicle assess. There are several residents flooded. Currituck County is overseeing the seven different locations where pumping is ongoing. N.C. Recreational WQ Monitoring Program has been notified and signs have been posted regarding full body contact. It is likely, given the weather report, that stormwater pumping will continue for several more days. The Washington Regional Office constantly monitors the situation.

Division of Soil and Water Conservation:

Washington and Wilmington Regional Offices continue to visit livestock operations in their areas and follow up on reported situations.

CAFOS: Division personnel will continue to contact livestock operators to evaluate lagoon levels. These priorities are expected to remain during the next four days.

Division of Parks and Recreation:

Nothing new to report.

Division of Environmental Health:

All boil water advisories have been lifted.

Albemarle District - Still has a lot of standing water. More rain falling today. Mosquito larvae are present at sites that have been sampled.

Pender County - Northeast Cape Fear River is still flooded.

Brunswick County - Mosquito larvae and pupae present at sites sampled. Also heard from PWSS Wilmington Regional Office: The samples collected from Lea's Waterfront MHP were absent for coliform and the advisory issued September 1, 2006 is rescinded effective immediately.

The water quality swimming advisory was lifted Sept. 4 for a portion of coastal waters, specifically ocean beaches along the coast from Corolla south to Cape Hatteras and from Shackleford Banks south to Sunset Beach. Sound-side waters in this area remain under swimming advisory pending further testing, which will occur this week. A precautionary advisory was posted for the Corolla/Whalehead subdivision vicinity in Currituck County because floodwaters are being pumped into the ocean.

PWSS Raleigh Regional Office - Ashley Hills and Neuse River pulled samples over the weekend, and both came back negative. Boil water advisories were lifted over the weekend.